

SPECIES OF AUSTRALIAN TELENOMINAE  
(HYMENOPTERA: SCELIONIDAE) OF  
A. P. DODD AND A. A. GIRAULT

NORMAN F. JOHNSON

Department of Entomology, The Ohio State University, 1735 Neil Avenue, Columbus,  
Ohio 43210

---

*Abstract.*—The species of Telenominae described by A. P. Dodd and A. A. Girault with types deposited in Australian collections are reviewed. The genera *Dissolcoides*, *Neoteleia*, and *Platytelenomus* are synonymized with *Telenomus* (new synonymies); *Archiphannurus* is synonymized with *Paratelenomus* (new synonymy). *Telenomus ophiusa* and *T. saccharalis* are transferred to *Paratelenomus* (new combinations); *Telenomus elpenor* and *T. omphale* are transferred to *Psix* (new combinations); *Dissolcoides exsertus*, *D. flavinervus*, *Neoteleia punctata*, and *Platytelenomus planus* are transferred to *Telenomus* (new combinations); *Telenomus biproruli*, *T. darwinensis*, *T. ection*, *T. egeria*, *T. ephyra*, *T. erigone*, *T. obliterated*, *T. oecleoides*, *T. oecleus*, *T. oedipus*, *T. oeneus*, *T. oenone*, *T. oenopion*, *T. ogyges*, *T. oreas*, *T. orontes*, *T. otho*, and *T. wilsoni* are transferred to *Trissolcus* (new combinations); *Telenomus oaxes* is transferred to *Embidobia* (new combination); and *Telenomus orestes* is transferred to *Gryon* (new combination). Lectotypes are designated for *Dissolcus atriscapus*, *Trissolcus coriaceus*, *Telenomus darwinensis*, *Telenomus ection*, *Telenomus egeria*, *Telenomus oecleus*, *Telenomus oedipus*, and *Telenomus ogyges*. The type material is missing for *Phannurus longicornis*, *P. depressus*, *Telenomus diemenensis*, and *Neotelenomus magniclavatus*.

*Key Words:* types, synonymies, combinations

---

Our knowledge of the Telenominae (Hymenoptera: Scelionidae) of Australia is based primarily upon the pioneering work of Alan P. Dodd (1895–1981). Several factors, however, make it difficult to use his published works. Generic concepts within the subfamily have substantially changed, and Dodd placed great emphasis upon color and the relative lengths and widths of antennomeres as diagnostic characters. Solely on the basis of the original descriptions (no figures were published), I have found it impossible to determine to which present-day genera Dodd's species belong and to evaluate the genera he described. I thus found it necessary to examine the types of each

species to place them in the proper context, at least as it is understood today. I am convinced that the generic concepts within the Telenominae are in need of significant modification. It is premature to offer such a revision, but in the meantime I believe it is important to indicate how Dodd's species fit within the genera presently recognized (see Masner 1980, Kozlov and Kononova 1983, Johnson 1984), so as to indicate which type-specimens are relevant for future revisionary work at the species level.

I discuss below the telenomine types described by Dodd and A. A. Girault that are deposited in Australian institutions (with acronyms used in the text in parentheses):

Australian National Insect Collection, Canberra (ANIC); Department of Primary Industries, Queensland, Indooroopilly (DPIQ); National Museum of Victoria, Melbourne (NMV); Queensland Museum, Brisbane (QM); and the South Australian Museum, Adelaide (SAM). These include several species described from Indonesia and Fiji. A small number of types of Australian species are deposited in the British Museum (Natural History) and the National Museum of Natural History, Washington; the status of these has been discussed by Masner (1961) and Masner and Muesebeck (1968). The species of Australian Scelioninae have already been treated (see Galloway 1976, Austin 1981, and Galloway and Austin 1984). The condition of each specimen or series is briefly summarized. I have cited verbatim the label data accompanying specimens between quotation marks so as to assist recognition of the types. The abbreviation "NQ" in the labels stands for North Queensland, where both Dodd and Girault conducted much of their field work. The town of Nelson is now known as Gordonvale. The fore wings of slide mounts are often quite faded, and in many I was unable to find them although the label stated that they should be present. The type depository is indicated following the citation of the original description for each species. I have designated lectotypes only for those species in the genus *Trissolcus* in which I am conducting revisionary work. Many of Dodd's species were placed in the genera *Baeoneurella*, *Phanurus*, and *Neotelenomus*, names which were later synonymized with *Eumicrosoma* (the first) and *Telenomus*. In most cases the Australian species were not explicitly transferred to *Telenomus*; I have accepted these transfers as having been made implicitly and have not used the designation "new combination" for them.

SUBFAMILY TELENOMINAE

*Archiphanurus* Szabó

See *Paratelenomus* Dodd.

*Baeoneura* Foerster

See *Eumicrosoma* Gahan.

*Baeoneurella* Dodd

See *Eumicrosoma* Gahan.

*Dissolcoides* Dodd

See *Telenomus* Haliday.

*Dissolcus* Ashmead

See *Telenomus* Haliday.

*Eumicrosoma* Gahan

*Eumicrosoma bellum* (Dodd)

*Baeoneurella bella* Dodd, 1913b: 336. QM

Holotype ♀ on slide; "TYPE Hy/1628; Queensland Museum; *Baeoneurella bella* Dodd ♀." Condition: All tagmata slightly crushed and broken; antennae detached.

*Eumicrosoma elongatum* (Dodd),

*Baeoneura elongata* Dodd, 1913a: 166. SAM

Holotype ♀ on slide I11115; "*Baeoneurella elongata* Dodd ♀ type." Condition: head and mesosoma crushed.

*Eumicrosoma giraulti* (Dodd)

*Baeoneura giraulti* Dodd, 1913c: 176. SAM

Holotype ♀ on slide I1440; "*Baeoneura giraulti* Dodd ♀ type; sweeping in forest, Pentland, NQ, 4th Jun. 13, A. A. Giraulti." Condition: head and mesosoma crushed.

*Eumicrosoma nigrum* (Dodd),

*Baeoneurella nigra* Dodd, 1914b: 124.

Holotype ♀ on slide I2191; "*Baeoneurella nigra* Dodd ♀ type; 2191." Condition: slide broken in half; cover slip hanging over edge and cracked; head detached, crushed; mesosoma and metasoma slightly crushed.

***Eumicrosoma pulchrum* (Dodd),**

*Baeoneurella pulchra* Dodd, 1914b: 124.  
SAM

Holotype ♀ on slide I2190; "Baeoneurella pulchra Dodd ♀ type, *B. giraulti* Dodd; 2190." Condition: mounted on slide with a ♀ of *E. giraulti*; holotype of *E. pulchrum* is closest to the center of the cover slip; head and mesosoma crushed.

***Neoteleia* Dodd**

See *Telenomus* Haliday.

***Neotelenomus* Dodd**

See *Telenomus* Haliday.

***Paratelenomus* Dodd*****Paratelenomus bicolor* (Dodd)**

*Telenomus bicolor* Dodd, 1914c: 251. SAM

Holotype ♀ on slide I11169; "Telenomus bicolor Dodd ♀ type." Condition: head and mesosoma crushed.

This species, although remarkable for its color pattern (black head and golden body), is clearly congeneric with the type species of the genus *Archiphannurus* Szabó, viz. *A. graeffei* (Kieffer). Thus, the last valid telenomine genus described by Szabó (1975) falls as a junior synonym of *Paratelenomus* Dodd (new synonymy).

***Paratelenomus ophiusa* (Dodd),****NEW COMBINATION**

*Telenomus ophiusa* Dodd, 1913d: 84. SAM

Holotype ♀ on slide I11176; "Telenomus ophiusa Dodd ♀ type; 11176." Condition: tagmata separated, all badly crushed.

***Paratelenomus saccharalis* (Dodd),****NEW COMBINATION**

*Telenomus saccharalis* Dodd, 1914f: 293.  
QM

Syntype ♂, ♀ on slide; "Telenomus saccharalis Dodd, ♂ ♀ type. From Pentatomid eggs on sugarcane, Java; Hy 2059; TYPE."

Condition: ♀ with all tagmata separated, crushed; ♂ has slipped with the balsam over and on top of the edge of the cover slip and is only partially covered by the medium.

***Phanuromyia* Dodd*****Phanuromyia rufobasalis* Dodd**

*Phanuromyia rufobasalis* Dodd, 1914g: 121.  
SAM

Holotype ♀ on slide I11027; "Phanuromyia rufobasalis Dodd ♀ type." Condition: head and mesosoma crushed.

This species clearly represents the same species group as genus *Issidotelenomus* Pélov, and possibly both *Aradoctonus* Masner and *Phlebiaporus* Kozlov. A short time ago I would have freely synonymized all under the name *Telenomus*. I now believe that this species group will warrant generic recognition and therefore I have elected not to transfer *P. rufobasalis*.

***Platytelenomus* Dodd**

See *Telenomus* Haliday.

***Psix* Kozlov and Lê*****Psix elpenor* (Dodd),****NEW COMBINATION**

*Telenomus elpenor* Dodd, 1914h: 4. SAM

Holotype ♀ with mesosoma and metasoma on point; "Telenomus elpenor Dodd ♀ type." Condition: good. Head, antennae, fore wing on slide I11095; "Telenomus elpenor Dodd ♀ type; I11095." Condition: head badly crushed, cover slip cracked over head.

***Psix glabriscrobis* (Girault)**

*Telenomus glabriscrobis* Girault, 1926b: 138. ANIC

See Johnson and Masner, 1985: 46–47.

***Psix olympus* (Dodd)**

*Telenomus olympus* Dodd, 1913c: 166.  
SAM

Holotype ♀ on slide I1418; "Telenomus

olympus Dodd ♀ type, sweeping on edge of jungle, Nelson, NQ, 5.iv.13 (A. P. Dodd). Condition: badly crushed. Also under the cover slip is a specimen of *Telenomus*. The recognition of the specimen of *Psix* as representing *T. olympus* is based upon another specimen in ANIC identified by Dodd (see Johnson and Masner 1985: 49).

***Psix omphale* (Dodd),  
NEW COMBINATION**

*Telenomus omphale* Dodd, 1913c: 166.  
SAM

Holotype ♀ on point, "Telenomus omphale Dodd, ♀ type." Condition: good; antennae, both without radicle, forewing on slide 11419, "Telenomus omphale Dodd, ♀ type, antennae, forewings, From Pentatomid eggs in forest, Nelson, NQ, Apr. 13, A. P. Dodd."

***Telenomus* Haliday**

***Telenomus acares* Johnson**

*Neotelenomus minimus* Dodd, 1913c: 172.  
[preoccupied by *minimus* Ashmead, 1893]. SAM

*Telenomus acares* Johnson, 1984: 6 (replacement name).

Holotype ♀ on slide 11433: "Neotelenomus minimus Dodd ♀ type; On window, Nelson, NQ, 2nd.xii.12, A. P. Dodd." Condition: crushed.

***Telenomus aegeus* Dodd**

*Telenomus aegeus* Dodd, 1914g: 124. SAM

Holotype ♀ on slide 111031: "Telenomus aegeus Dodd ♀ type." Condition: head and mesosoma crushed.

***Telenomus aegicerophilus* (Dodd)**

*Neotelenomus aegicerophilus* Dodd, 1914h: 11. SAM

Holotype ♀ on slide 111141: "Neotelenomus aegicerophilus Dodd ♀ type; 11141." Condition: crushed, especially mesosoma.

***Telenomus ajax* Dodd**

*Telenomus ajax* Dodd, 1914g: 125. SAM

Holotype ♀ on slide 111032: "Telenomus ajax Dodd ♀ type." Condition: head and mesosoma badly crushed.

***Telenomus anthereae* (Dodd)**

*Neotelenomus anthereae* Dodd, 1913c: 171.  
SAM

One ♂, two ♀ syntypes on slide 11429; "Neotelenomus anthereae Dodd ♂, ♀ types; From egg of *Antherea janetta*, Nelson, NQ, May, 13, A. P. Dodd." Condition: all crushed; male genitalia exerted and clearly visible.

Nixon (1937) synonymized *Neotelenomus* with *Telenomus* on the basis of his conviction that the characters defining a genus should be applicable to both sexes. In this case, the only character used to distinguish *Neotelenomus* was the 10-merous female antenna. Nixon's interpretation that, aside from this character, *Neotelenomus* was indistinguishable from *Telenomus* was based not on an examination of the type species, *N. anthereae*, but on Dodd's original description and his knowledge of other species with the same reduction in antennomeres. I can now confirm that Nixon's synonymization is correct.

***Telenomus atratus* Johnson**

*Neotelenomus niger* Dodd, 1913c: 172  
[preoccupied by *niger* (Dodd), 1913c: 158]. SAM

*Telenomus atratus* Johnson, 1984: 12 (replacement name).

Twelve syntype ♀ on card (with 3 chalcidoids); "Kuranda, Qld., Mch 04, F. P. Dodd: Neotelenomus niger Dodd ♀ types." Condition: generally good, but very dirty. One ♀ syntype on slide 11432: "Neotelenomus niger Dodd ♀ type; Kuranda, NQ, March, 04, F. P. Dodd." Condition: crushed.

***Telenomus australis* (Dodd)**

*Neotelenomus australis* Dodd, 1913d: 86.  
SAM

Holotype ♀ on slide I11140; "Neotelenomus australis Dodd ♀ type." Condition: mesosoma and head crushed and broken.

***Telenomus beatus* (Dodd)**

*Neotelenomus beatus* Dodd, 1913d: 85. SAM

Holotype ♀ on slide I11142; "Neotelenomus beatus Dodd ♀ type." Condition: end of slide broken off; specimen badly crushed.

***Telenomus caesaris* (Girault)**

*Neotelenomus caesaris* Girault, 1939: 149. ANIC

Syntypes on card; "♂, ♀ *Neotelenomus caesaris* Gir, Types." Condition: four ♀, one ♂ in good condition; also with bits and pieces of several broken specimens. There is also a second unlabelled pin with five ♀ and one ♂ that appear to belong to the same series.

***Telenomus carnifex* Johnson**

*Neotelenomus ovivorus* Dodd, 1913c: 172 [preoccupied by *ovivorus* (Rondani), 1870]. SAM

*Telenomus carnifex* Johnson, 1984: 7 (replacement name).

Syntype ♂, ♀ on slide I1430; "Neotelenomus ovivorus Dodd, ♂ and ♀ types, Nelson, May, 13, Dodd." Condition: ♂ with head and mesosoma crushed; ♀ entirely crushed.

***Telenomus corniger* Johnson**

*Phanurus longicornis* Dodd, 1913c: 160, [preoccupied by *longicornis* Ashmead, 1901].

*Telenomus corniger* Johnson, 1984: 8 (replacement name).

Type missing from SAM. The unit tray refers to slide I1409, but it is missing from the slide collection.

***Telenomus depressus* (Dodd)**

*Phanurus depressus* Dodd, 1914h: 8.

Type missing from SAM.

***Telenomus diemenensis* Dodd**

*Telenomus diemenensis* Dodd, 1914g: 123.

Type missing from SAM. Unit tray refers to slide I11030; this is missing from the slide collection and the label on the inside of the box's lid questions whether the slide was ever received.

***Telenomus doddi* Johnson**

*Telenomus giraulti* Dodd, 1914d: 161, [preoccupied by *giraulti* (Dodd), 1913c]. QM

*Telenomus doddi* Johnson, 1984: 9 (replacement name).

Holotype ♀ on slide; "TYPE Hy/2057; Queensland Museum; Scelionid, *Telenomus giraulti* Dodd ♀." Condition: head detached; mesosoma on its side, slightly crushed laterally.

***Telenomus eleleus* Dodd**

*Telenomus eleleus* Dodd, 1914h: 5. SAM

Holotype ♀ on slide I11170; "Telenomus eleleus Dodd ♀ type; I11170." Condition: crushed, tagmata separated.

***Telenomus emersoni* Girault**

See *Telenomus olsenni* Johnson.

***Telenomus endymion* Dodd**

*Telenomus endymion* Dodd, 1914h: 6. SAM

Holotype ♀ on point; "Telenomus endymion Dodd ♀ type." Condition: good. Antennae (and possibly also the fore wings) on slide I11096; "I11096; *Telenomus endymion* Dodd ♀ type." Condition: good; radicles still attached to head.

***Telenomus eteocles* Dodd**

*Telenomus eteocles* Dodd, 1914h: 5. SAM

Holotype ♀ on slide I11171; "Telenomus eteocles Dodd ♀ type; I11171." Condition: tagmata separated, head and mesosoma crushed.

***Telenomus exsertus* (Dodd),****NEW COMBINATION**

*Dissolcooides exsertus* Dodd, 1913a: 179.  
SAM

Holotype ♀ with mesosoma and metasoma on point; "Dissolcooides exsertus Dodd ♀ type; Pentland, Queensland." Condition: deeply embedded in glue, barely visible. Head on slide I11059; "Dissolcooides exsertus Dodd ♀ type; head, antennae, forewings; sweeping grass in forest, Pentland, NQ, 15th [?] Jan 13, A. A. Girault." Condition: head crushed, A10–A11 of right antenna missing; left antenna detached, near edge of cover slip.

Dodd apparently erected the genus *Dissolcooides* to accommodate what he perceived was a species that combined important characters of several of Ashmead's genera (1893). With the head detached it is now difficult to visualize the habitus of this wasp that so struck his attention, but it appears to me to be a fairly typical species of *Telenomus* (new synonymy).

***Telenomus eximius* (Dodd)**

*Neotelenomus eximius* Dodd, 1914b: 121.  
SAM

Holotype ♀ on point; "Neotelenomus eximius Dodd ♀ type; I2186." Condition: body deeply embedded in glue. Antennae and possibly fore wings on slide I2186; "Neotelenomus eximius Dodd ♀ type; forewings, antennae." Condition: one antenna crushed.

***Telenomus flavescens* Dodd**

*Telenomus flavescens* Dodd, 1914h: 4. SAM

Holotype ♂ on slide I11172; "Telenomus flavescens Dodd ♂ type." Condition: head separated from body; mesosoma and head crushed.

***Telenomus flavinervus* (Dodd)****NEW COMBINATION**

*Dissolcooides flavinervus* Dodd, 1914c: 253.  
SAM

Holotype ♀ on point; "Dissolcooides flavinervus Dodd ♀ type; Herbert R." Condition: deeply embedded in glue, otherwise good. Antennae (and possibly fore wings) on slide I11060; "Dissolcooides flavinervus Dodd ♀ type; antennae forewings."

Condition: antennae broken off from head beyond radicles, one clava slightly crushed.

***Telenomus giraulti* (Dodd)**

*Phanurus giraulti* Dodd, 1913c: 159. SAM

Two syntypes, ♂ and ♀ on separate slides, both coded I1403; "Phanurus giraulti Dodd ♂ type, Nelson, NQ, 13.iii.13, A P Dodd"; "Phanurus giraulti Dodd ♀ type, Forest Nelson, NQ, 10.viii.12, A A Girault." Condition: both with head and mesosoma crushed.

***Telenomus giraulti* Dodd, 1914d**

See *Telenomus doddi* Johnson.

***Telenomus gloriosus* Dodd**

*Telenomus gloriosus* Dodd, 1913d: 84. SAM

Holotype ♀ on slide I11173; "Telenomus gloriosus Dodd ♀ type; I1173." Condition: head and mesosoma crushed; A8–A11 of both antennae missing.

***Telenomus hackeri* (Dodd)**

*Phanurus hackeri* Dodd, 1913b: 337. QM

Holotype ♀ on slide; "TYPE Hy/1629; Queensland Museum; Phanurus hackeri Dodd ♀." Condition: tagmata separated, all badly crushed.

***Telenomus hilli* (Dodd)**

*Phanurus hilli* Dodd, 1914b: 119. SAM

One ♂, 3 ♀ syntypes on slide I2180; "Phanurus hilli Dodd ♂ + ♀ types, 2180." Condition: all badly crushed.

***Telenomus javensis* Dodd**

*Telenomus javensis* Dodd, 1914e: 163. QM

Syntype ♀ on point; "TYPE Hy/2060; Telenomus javensis Dodd ♀ type." Condition: deeply embedded in glue. Syntype ♀ on slide

[together with the holotype of *Telenomus vandergooti* Dodd]: "TYPE/2060 2061: Scelionid, Queensland Museum, ♀ *Telenomus javensis* D. 2060 T. vandergooti D. ♀ 2061." Condition: mesosoma crushed; head is separated and has slipped to the edge of the cover slip beneath a drop of balsam.

***Telenomus laticeps* (Dodd)**

*Neotelenomus laticeps* Dodd, 1914h: 10. SAM

Holotype ♀ on slide I1143; "Neotelenomus laticeps Dodd ♀ type; I1143." Condition: mesosoma and metasoma badly crushed; head has slipped beyond the edge of the cover slip; one antenna, with A2–A9 is beyond the head, along the edge of the slide; second antenna not found.

***Telenomus leai* (Dodd)**

*Neotelenomus leai* Dodd, 1913c: 172. SAM

Holotype ♀ on slide I1431; "Neotelenomus leai Dodd ♀ type; King Island, Bass Strait, Tasmania, A. M. Lea." Condition: head and apex of metasoma broken off; all badly crushed.

***Telenomus longicornis* (Dodd)**

See *Telenomus corniger* Johnson.

***Telenomus longicarpus* (Dodd)**

*Phanurus longicarpus* Dodd, 1913c: 160. SAM

Two syntype ♀ mounted on separate slides both coded I1406. "Phanurus longicarpus Dodd ♀ type, sweeping forest, Nelson, Feb [other handwriting indistinct]." Condition: head detached, crushed; mesosoma crushed. "Phanurus longicarpus Dodd ♀ type, sweeping forest, Nelson, NQ, 13.II.12, A A Girault." Condition: head detached, all tagmata crushed.

***Telenomus longipennis* (Dodd)**

*Phanurus longipennis* Dodd, 1913c: 160. SAM

Holotype ♀ on slide I1407; "Phanurus longipennis Dodd ♀ type, sweeping in forest, Ingham, 14.i.13, A. P. Dodd." Condition: head detached, mesosoma crushed.

***Telenomus magniclavatus* (Dodd)**

*Neotelenomus magniclavatus* Dodd, 1914b: 122.

Type missing from SAM. It should be mounted on slide I2187, but this is missing from the slide collection.

***Telenomus minimus* (Dodd)**

See *Telenomus acares* Johnson.

***Telenomus montanus* (Dodd)**

*Phanurus montanus* Dodd, 1913c: 159. SAM

Holotype ♀ on slide I1404, "Phanurus montanus Dodd ♀ type [with specific name fumipennis crossed out], on window, Herberton, NQ (3000 feet), 28.xii.11, A. A. Girault." Condition: mesosoma crushed.

***Telenomus necopinatus* (Dodd)**

*Phanuromyia necopinata* Dodd, 1916: 32.

Holotype ♀, mesosoma and metasoma on point; "Phanuromyia necopinata Dodd ♀ type." Condition: head missing. Antennae, fore wing on slide I1158; "Phanuromyia necopinata Dodd ♀ type." Condition: radicles missing.

***Telenomus nelsonensis* (Dodd)**

*Phanurus nelsonensis* Dodd, 1913c: 160. SAM

Holotype ♀ on slide I1405; "Phanurus nelsonensis Dodd ♀ type, sweeping in forest, Nelson, NQ, 14.vi.12, A A Girault." Condition: good.

***Telenomus niger* (Dodd)**

*Phanurus niger* Dodd, 1913c: 158. SAM

Holotype ♀ on slide I1402; "Phanurus niger Dodd ♀ type, Nelson, NQ, 24th Dec, 12,

on window of laboratory porch." Condition: head and mesosoma crushed.

***Telenomus niger* (Dodd), 1913c**

See *Telenomus atratus* Johnson.

***Telenomus nigricorpus* (Dodd)**

*Phanurus nigricorpus* Dodd, 1913c: 160. SAM

Holotype ♀ on slide I1408; "Phanurus nigricorpus Dodd ♀ type, Nelson, Jan 12, A A Girault." Condition: crushed, barely covered by balsam.

***Telenomus ocnus* (Dodd)**

*Telenomus ocnus* Dodd, 1914b: 120. SAM

Holotype ♀ on slide I2183; "Telenomus ocnus Dodd ♀ type, head, antennae, forewings, 2183." Condition: head crushed; mesosoma and metasoma missing.

***Telenomus odyssea* (Dodd)**

*Telenomus odyssea* Dodd, 1913c: 162. SAM

Holotype ♀ on slide I1410; "Telenomus odyssea Dodd ♀ type, sweeping in forest, Nelson, 3.ix.12, A. A. Girault." Condition: head detached, mesosoma crushed.

***Telenomus oeagrus* Dodd**

*Telenomus oeagrus* Dodd, 1913c: 163. SAM

Holotype ♀ on slide I1411; "Telenomus oeagrus Dodd, ♀ type, sweeping jungle along streamlet, Babinda, NQ, 26.x.11, A. A. Girault." Condition: mesosoma crushed.

***Telenomus oechalia* Dodd**

*Telenomus oechalia* Dodd, 1913d: 83. SAM

Holotype ♀ on slide I11175; "Telenomus oechalia Dodd ♀ type." Condition: badly crushed.

***Telenomus oeta* Dodd**

*Telenomus oeta* Dodd, 1914c: 252. SAM

Holotype ♀ on slide I11174; "Telenomus oeta Dodd ♀ type." Condition: head de-

tached, all tagmata crushed, mesosoma especially so; balsam barely covers specimen.

***Telenomus olsenni* Johnson**

*Telenomus emersoni* Girault, 1932: 6 [in Gordh et al., 1979: 298; preoccupied by *emersoni* (Girault), 1916]. QM

*Telenomus olsenni* Johnson, 1984: 12 (replacement name).

One wing, one antenna on slide; "Telenomus emersoni Gir. Type ♀." Condition: good; remainder of specimen missing.

***Telenomus ophion* Dodd**

*Telenomus ophion* Dodd, 1913c: 167. SAM

One syntype specimen on card, sex uncertain; "Telenomus ophion Dodd ♂ type." Condition: fair, antennae, forewings missing. Slide I1420 with head of ♀, one antenna attached, complete; left antenna with radicle, A10–A11 missing; head of ♂ with one antenna attached, second detached; propleuron, fore legs, a fore wing and hind wing present; "Telenomus ophion Dodd, ♂, ♀ types; From Pentatomid eggs, Nelson, NQ, May, 12, A. A. Girault."

***Telenomus opis* Dodd**

*Telenomus opis* Dodd, 1913d: 84. SAM

Holotype ♀ on slide I11177; "Telenomus opis Dodd ♀ type; I1177." Condition: head, propleura, prosternum and fore legs separated; entire body crushed.

***Telenomus orithyia* Dodd**

*Telenomus orithyia* Dodd, 1913c: 180. SAM

Holotype ♀ on slide I1451; "Telenomus orithyia Dodd ♀ type; sweeping in jungle, Nelson, NQ, 15.v.13, A. P. Dodd." Condition: head and mesosoma badly crushed.

***Telenomus ormenis* Dodd**

*Telenomus ormenis* Dodd, 1913c: 181. SAM

Holotype ♀ on slide I1452; "Telenomus ormenis Dodd ♀ type; sweeping on edge of jungle, Kuranda, NQ, 18.v.13, A P Dodd."



Condition: head detached, mesosoma crushed.

***Telenomus orodes* Dodd**

*Telenomus orodes* Dodd, 1913c: 181. SAM

Holotype ♀ on slide I1453; "Telenomus orodes Dodd ♀ type; sweeping on edge of jungle, Kuranda, NQ, 18.v.13 (A P Dodd)." Condition: crushed.

***Telenomus orpheus* Dodd**

*Telenomus orpheus* Dodd, 1913c: 181. SAM

Holotype ♀ on slide I1454; "Telenomus orpheus Dodd ♀ type; sweeping foliage of lantana, Mackay, NQ, 11.x.11 (A A Girault)." Condition: crushed.

***Telenomus osiris* Dodd**

*Telenomus osiris* Dodd, 1913c: 180. SAM

Holotype ♀ on slide I1450; "Telenomus osiris Dodd ♀ type; sweeping forest and jungle, Nelson, NQ, 3.ix.12, A. A. Girault." Condition: tagmata detached, mesosoma broken, head and anterior part of mesosoma have slipped beyond the edge of the cover slip.

***Telenomus ossa* Dodd**

*Telenomus ossa* Dodd, 1914b: 119. SAM

Holotype ♀ on slide I2181; "Telenomus ossa Dodd ♀ type; 2181." Condition: crushed.

***Telenomus ovivorus* (Dodd)**

See *Telenomus carnifex* Johnson.

***Telenomus oxycareni* Girault**

*Telenomus oxycareni* Girault, 1934: 2 [Gordh et al. 1979: 307]. QM

Two syntype ♀ (with identical labels); "Telenomus oxycareni Gir., ♀, Type." Condition: one ♀ in good condition; second with head missing and mesosoma crushed.

***Telenomus pallidicornis* (Dodd)**

*Neotelenomus pallidicornis* Dodd, 1913d: 86. SAM

Holotype ♀, mesosoma and metasoma on point; "Neotelenomus pallidicornis Dodd ♀ type; Cairns." Condition: deeply embedded in glue. Head, fore wing on slide I11147; "Neotelenomus pallidicornis Dodd ♀ type head, forewings." Condition: head crushed, fore wings not visible.

***Telenomus pallidithorax* (Dodd)**

*Neotelenomus pallidithorax* Dodd, 1914h: 10. SAM

Holotype ♀ on slide I11149; "Neotelenomus pallidithorax Dodd ♀ type; I11149." Condition: crushed.

***Telenomus pallidiventris* (Dodd)**

*Neotelenomus pallidiventris* Dodd, 1913d: 86. SAM

Holotype ♀ on slide I11146; "Neotelenomus pallidiventris Dodd ♀ type." Condition: head and mesosoma crushed; specimen very pale.

***Telenomus parvulus* (Dodd)**

*Neotelenomus parvulus* Dodd, 1914h: 12. SAM

Holotype ♀ on slide I11144; "Neotelenomus parvulus Dodd ♀ type; I11144." Condition: head detached; it and mesosoma crushed; right antenna missing.

***Telenomus planus* (Dodd),**

**NEW COMBINATION**

*Platytenomus planus* Dodd, 1914a: 126. SAM

Holotype ♀: mesosoma and metasoma on point; "Platytenomus planus Dodd ♀ type; Cairns." Condition: good. Head, fore wing on slide I11072; "Platytenomus planus Dodd ♀ type, head, forewings." Condition: head slightly crushed, fore wing not visible.

After having examined the type species, I consider the genus *Platytenomus* Dodd to be a junior synonym of *Telenomus* (new synonymy). *Telenomus planus* is closely related to the species I have grouped together

in the *floridanus* species group as indicated by the elongate, depressed body and, more importantly, the elongate clavomeres (Johnson 1984). All species in these group, so far as is now known, are parasites of the eggs of lygaeids. *Platytelenomus*, when correctly understood, is not closely related to the depressed species of *Telenomus* that parasitize the flattened eggs of various moths (see Fergusson 1983). If at some time in the future it is thought appropriate to recognize the *floridanus* group as a genus, the names *Hemisius* Westwood and *Dissolcus* Ashmead have priority.

***Telenomus pseudoclavatus* (Dodd)**

*Neotelenomus pseudoclavatus* Dodd: 1913d: 87. SAM

Holotype ♀ on slide 111145; "Neotelenomus pseudoclavatus Dodd ♀ type." Condition: head detached; all tagmata crushed.

***Telenomus pulcherrimus* Dodd**

*Telenomus pulcherrimus* Dodd, 1914b: 121. SAM

Holotype ♀ on slide 12185; "Telenomus pulcherrimus Dodd ♀ type 2185." Condition: mesosoma, head broken.

***Telenomus pulchricornis* (Dodd)**

*Neotelenomus pulchricornis* Dodd, 1914h: 9. SAM

Holotype ♀ on slide 111148; "Neotelenomus pulchricornis Dodd ♀ type; 111148." Condition: head detached; all tagmata, especially mesosoma, crushed.

***Telenomus punctatus* (Dodd),**

**NEW COMBINATION**

*Neoteleia punctata* Dodd, 1913a: 169. SAM

Holotype ♂, mesosoma and metasoma on point; "Neoteleia punctata Dodd ♂ type; Cairns." Condition: good. Head on slide 111070; "Neoteleia punctata Dodd ♂ type, head, forewings." Condition: head crushed; fore wings not visible.

This is a fairly large species that may be most closely related to *Phanuromyia*. However, until freshly collected material is identified and the cephalic characters can be carefully examined, it falls within the, admittedly, very broad definition of *Telenomus*. I prefer to synonymize *Neoteleia* under that name (new synonymy) than to maintain it as a distinct genus. This species can probably be identified by its large size, sculptured frons, presence of episternal foveae, very elongate T2, and the elongate basal flagellomeres.

***Telenomus sidneyi* Girault**

*Telenomus sidneyi* Girault, 1932: 5 [Gordh et al. 1979: 297]. QM

One leg, two fore wings on slide; "Scelionid. Type ♀. *Telenomus sidneyi* Gir. wing [remaining handwriting unclear]." The rest of the specimen is missing.

***Telenomus simulans* (Dodd)**

*Neotelenomus simulans* Dodd, 1914h: 11. SAM

Holotype ♀ on slide 111150; "Neotelenomus simulans Dodd ♀ type; 111150." Condition: head detached, slightly broken; mesosoma crushed.

***Telenomus spodopterae* Dodd**

*Telenomus spodopterae* Dodd, 1914e: 164. QM

Four syntype ♀ on slide; "TYPE Hy/2062; Queensland Museum; *Telenomus spodopterae* Dodd ♀." Condition: two ♀ with mesosoma broken, otherwise good; one ♀ with head widely separated from mesosoma, metasoma also detached but close to mesosoma, mesosoma broken; one ♀ with mesosoma crushed, head and metasoma widely separated from mesosoma; clavomeres of all specimens distorted.

***Telenomus vandergooti* Dodd**

*Telenomus vandergooti* Dodd, 1914e: 164. QM

Holotype ♀ on slide [together with syntype of *Telenomus javensis* Dodd]: "TYPE/2060 2061; Scelionid, Queensland Museum, ♀ *Telenomus javensis* D. 2060 T. vandergooti D. ♀ 2061." Condition: tagmata detached, head and mesosoma crushed.

***Trissolcus* Ashmead**

***Trissolcus atriscapus* (Girault)**

*Dissolcus atriscapus* Girault, 1926a: 1 [Gordh et al. 1979: 200]. DPIQ

Lectotype (here designated) ♀ on point: "*Dissolcus atriscapus* Gir. Type ♂♀." Condition: head missing; most of the second specimen on the point has been lost, only legs remain glued to the tip.

***Trissolcus beenleighi* (Girault)**

*Dissolcus beenleighi* Girault, 1932: 5 [in Gordh et al. 1979: 297]. QM

Holotype ♀ on point: "*Dissolcus beenleighi* Gir., ♀, Type; 29.xii.1925, Beenleigh, Forest." Condition: metasoma detached; antennae and wings from left side of body missing.

***Trissolcus biproruli* (Girault),**

**NEW COMBINATION**

*Telenomus biproruli* Girault, 1926b: 137. QM

Holotype ♀ on point: "*Telenomus biproruli* Gir., ♀, Type." Condition: good.

***Trissolcus coriaceus* Dodd**

*Trissolcus coriaceus* Dodd, 1915: 451. SAM

Lectotype ♀ (here designated) and paralectotype ♀ on point; "Trissolcus coriaceus Dodd ♀ types." Condition: lectotype at apex of point with head and anterior half of mesosoma embedded in glue; paralectotype with mesosoma broken between mesothorax and metathorax; otherwise both in good condition. Two antennae on slide I5177; "Trissolcus coriaceus ♀ type."

***Trissolcus darwinensis* (Dodd),**

**NEW COMBINATION**

*Telenomus darwinensis* Dodd, 1914h: 7. SAM

Lectotype ♂, paralectotype ♀ on point: "Telenomus darwinensis ♀, ♂ types." Condition: good. Male antennae, female head and antennae on slide I11099; "Telenomus darwinensis Dodd ♂, ♀ types." Condition: head badly crushed, male antennae with scape broken, still attached to head.

***Trissolcus eetion* (Dodd),**

**NEW COMBINATION**

*Telenomus eetion* Dodd, 1914h: 3. SAM

Lectotype ♀ on point; "Telenomus eetion Dodd ♀ type." Condition: dirty, otherwise good; both antennae present. Paralectotype male, female antennae, fore wing on slide I11093; "I11093, Telenomus eetion Dodd ♂♀ types." Condition: female antenna good; male antenna broken.

***Trissolcus egeria* (Dodd),**

**NEW COMBINATION**

*Telenomus egeria* Dodd, 1914h: 4. SAM

Lectotype ♀ "Telenomus egeria Dodd ♀ type." Condition: head missing. Paralectotype ♀ on slide I11094; "Telenomus egeria Dodd ♀ type." Condition: head crushed and broken, mesosoma crushed, A6–A11 of right antenna, A8–A11 of left antenna missing.

***Trissolcus ephyra* (Dodd),**

**NEW COMBINATION**

*Telenomus ephyra* Dodd, 1914h: 7. SAM

Holotype ♀ on point: "Telenomus ephyra Dodd ♀ type." Condition: body deeply embedded in glue. Antennae, fore wings on slide I11097; "Telenomus ephyra Dodd ♀ type; I11097." Condition: antennae crushed, without radicles.

***Trissolcus erigone* (Dodd),**

**NEW COMBINATION**

*Telenomus erigone* Dodd, 1914h: 8. SAM

Holotype ♀ on point; "Telenomus erigone Dodd ♀ type." Condition: body deeply embedded in glue. Antennae (and possibly the fore wings) on slide I11098; "Telenomus erigone Dodd ♀ type; I11098." Condition: radicles missing (still attached to head), antennae slightly crushed.

***Trissolcus euander* (Dodd)**

*Telenomus euander* Dodd, 1914h: 7. SAM

Holotype ♀ mesosoma and metasoma on point; "Telenomus euander Dodd ♀ type." Condition: good. Head, antennae (and possibly fore wings) on slide I11092; "Telenomus euander Dodd ♀ type; I11092." Condition: head crushed.

***Trissolcus flaviscapus* Dodd**

*Trissolcus flaviscapus* Dodd, 1916: 32. SAM

Holotype ♀ on point; "Trissolcus flaviscapus Dodd ♀ type." Condition: fore wings missing, otherwise good. Antenna on slide I11180; "Trissolcus flaviscapus Dodd ♀ type; I11180." Condition: broken off from head above radicle.

***Trissolcus obliteratus* (Dodd),**

**NEW COMBINATION**

*Telenomus obliteratus* Dodd, 1914g: 122. SAM

Holotype ♀ on point; "Telenomus obliteratus Dodd ♀ type." Condition: only one hind wing remaining, left antenna broken off just above radicle, right antenna with A2–A11 missing, otherwise good. Slide I11029 with nothing visible (it may hold the wings, but I could not find them). The label in the unit tray states that the type of this species was not received. I found the specimen in the tray with *Trissolcus oecleoides*.

***Trissolcus oecleoides* (Dodd),**

**NEW COMBINATION**

*Telenomus oecleoides* Dodd, 1914g: 122. SAM

Holotype ♀ on point, "Telenomus oecleoides [sic] Dodd ♀ type." Condition: good. Antennae (without radicles) on slide I11028, "Telenomus oecleoides [sic] Dodd ♀ type."

***Trissolcus oecleus* (Dodd),**

**NEW COMBINATION**

*Telenomus oecleus* Dodd, 1913c: 163. SAM

Lectotype ♂ (here designated): "Telenomus oecleus Dodd type." Condition: mounted on point, A7–A12 of left antennae, A10–A12 of right antenna missing; lower half of body, most of head embedded in glue. One paralectotype ♀; "Telenomus oecleus Dodd type." Condition: mounted on point, antennae, wings missing; deeply embedded in glue. The paralectotype, although clearly labelled as a type by Dodd, is not conspecific with the male. The choice of the lectotype is based upon a series of specimens in DPIQ identified by Dodd as *T. oecleus* that are conspecific with the male. There are also two slides with the code I1412 in SAM that bear labels identifying them as types. One has a fore wing and two complete male antennae and bears the label "Telenomus oecleus Dodd, ♂ type, forewing, antenna, reared from Pentatomid eggs, Kuranda, NQ, 3/ix/04, F P Dodd"; the second has the label "Telenomus oecleus Dodd, ♀ type, forewings and antennae, sweeping edge of jungle, Kuranda, NQ, 20.xii.12, A P Dodd," presumably from the point-made female.

***Trissolcus oedipus* (Dodd),**

**NEW COMBINATION**

*Telenomus oedipus* Dodd, 1913c: 164. SAM

Three specimens glued to a card; "Hobart, Tas: Lea; Hobart, Tas: Lea; Telenomus oedipus Dodd ♀ types." Condition: 1 ♀ lectotype (here designated) on left (viewed from above with pin at bottom) with line beneath, in good condition; two paralectotypes: 1 ♀ in middle, metasoma missing; 1 specimen on right, probably a ♀, head miss-

ing. One ♀ paralectotype on slide I1413: "Telenomus oedipus Dodd ♀ type, Hobart, Tasmania, A M Lea." Condition: head and mesosoma badly crushed.

***Trissolcus oeneus* (Dodd),  
NEW COMBINATION**

*Telenomus oeneus* Dodd, 1913c: 164. SAM

Holotype ♀ on card; "King I, Tas: Lea, Telenomus oeneus Dodd, ♀ type." Condition: body almost completely covered by glue; mesosoma broken, mesonotum covering head; foretibia and tarsus, A2–A9 of one antenna, A7–A11 of another on slide I1414: "Telenomus oeneus Dodd, ♀ type, antenna, forewings, King Is., Bass Strait, A. M. Lea."

***Trissolcus oenone* (Dodd),  
NEW COMBINATION**

*Telenomus oenone* Dodd, 1913c: 165. SAM

Holotype ♀ on card, "Cairns district, A. M. Lea, Telenomus oenone Dodd, ♀ type." Condition: covered in glue, antennae, forewing on slide I1415, label: "Telenomus oenone Dodd, ♀ type, forewing antennae, Cairns district, NQ, A M Lea."

***Trissolcus oenopion* (Dodd),  
NEW COMBINATION**

*Telenomus oenopion* Dodd, 1913c: 165. SAM

Holotype ♀ on slide I1416; "Telenomus oenopion Dodd ♀ type forewing, antenna, From foliage of a lemon tree, Roma, Q., 6.x.11, A. A. Girault." Condition: one antennae, broken, and distal half of fore wing only on slide, no body present.

***Trissolcus ogyges* (Dodd),  
NEW COMBINATION**

*Telenomus ogyges* Dodd, 1913c: 166. SAM

Lectotype ♀ and 2 paralectotype ♀ on slide I1417; "Telenomus ogyges Dodd ♀ type, sweeping Cape River, Pentland, NQ, Jan.

13, A. A. Girault." Condition: lectotype (here designated) near edge of cover slip, head attached to mesosoma, mesosoma crushed.

***Trissolcus oreas* (Dodd),  
NEW COMBINATION**

*Telenomus oreas* Dodd, 1913c: 180. SAM

Holotype ♀ on slide I1449; "Telenomus oreas Dodd ♀ type: Sweeping in jungle, Nelson, NQ, 15.v.13, A P Dodd." Condition: head and mesosoma badly crushed.

***Trissolcus orontes* (Dodd),  
NEW COMBINATION**

*Telenomus orontes* Dodd, 1914b: 120. SAM

Holotype ♀ on slide I2181; "Telenomus orontes Dodd ♀ type; 2182." Condition: crushed.

***Trissolcus otho* (Dodd),  
NEW COMBINATION**

*Telenomus otho* Dodd, 1914c: 252. SAM

Holotype ♀ on point, "Telenomus otho Dodd ♀ type; Cairns." Condition: tagmata detached, otherwise good. Fore wing, antennae on slide I11100, "Telenomus otho Dodd ♀ type, forewing antennae"; antennae crushed.

***Trissolcus wilsoni* (Dodd),  
NEW COMBINATION**

*Telenomus wilsoni* Dodd, 1930: 28. NMV

Holotype ♀; "Eltham, V., F. E. Wilson, May, 1927; HOLOTYPE T-1420 Telenomus wilsoni Dodd [red museum label]; Telenomus wilsoni Dodd, ♀, Holotype [Dodd's handwritten label]; F. E. Wilson Collection." Condition: good; right mid leg beyond coxa, hind leg beyond femur missing; left legs hidden beneath body.

SUBFAMILY SCELIONINAE

***Embidobia* Ashmead**

***Embidobia oaxes* (Dodd),****NEW COMBINATION**

*Telenomus oaxes* Dodd, 1914b: 120. SAM

Holotype ♀ on card, "Telenomus oaxes Dodd ♀ type; I2184." Condition: good. Head on slide I2184, "Telenomus oaxes Dodd, ♀ type, head, forewings, 2184." Condition: head badly crushed; fore wings not found.

***Gryon* Haliday*****Gryon orestes* (Dodd),****NEW COMBINATION**

*Telenomus orestes* Dodd, 1913c: 167. SAM

Holotype ♂ on slide I1421; "Telenomus orestes Dodd ♂ type, on window, Herberton (3000 ft) NQ, 28.iii.11, A A Girault." Condition: head and mesosoma crushed.

**ACKNOWLEDGMENTS**

I gratefully acknowledge the help and hospitality of I. D. Naumann (Canberra), J. Cardale (Canberra), G. Gross (Adelaide), A. D. Austin (Adelaide), I. D. Galloway (Indooroopilly), E. C. Dahms (Brisbane) and G. Monteith (Brisbane) during my trip to Australia; to K. Walker (Melbourne) for the loan of material; and to L. Masner (Ottawa) and J. B. Whitfield (Columbus) for review of the manuscript. This material is based upon work supported by the National Science Foundation under Grant No. BSR-8516579.

**LITERATURE CITED**

- Ashmead, W. H. 1893. A monograph of the North American Proctotrypidae. U.S. Natl. Mus. Bull. No. 45. 472 pp.
- Austin, A. D. 1981. The types of Australian species in the tribes Idrini, Baeini and Embidobiini (Hymenoptera: Scelionidae: Scelioninae). Gen. Appl. Entomol. 13: 81-92.
- Dodd, A. P. 1913a. Some new parasitic Hymenoptera from Australia. Arch. Naturgesch. 79(A6): 164-182.
- . 1913b. Some south Queensland Proctotrypoidea. Mem. Queensl. Mus. 2: 335-339.
- . 1913c. Australian Hymenoptera Proctotrypoidea. No. 1. Trans. R. Soc. S. Aust. 37: 130-181.
- . 1913d. Further additions to the Australian Proctotrypoidea. Arch. Naturgesch. 79(A8): 77-91.
- . 1914a. A new proctotrypod genus from Australia (Hym.). Entomol. News 25: 126-127.
- . 1914b. Australian Hymenoptera Proctotrypoidea. No. 2. Trans. R. Soc. S. Aust. 38: 58-131.
- . 1914c. New Proctotrypoidea from Australia (Hym.). Entomol. News 25: 251-257.
- . 1914d. Two new Scelionidae from Fiji. Arch. Naturgesch. 80(A5): 161-162.
- . 1914e. Four new Proctotrypod egg-parasites of sugar cane insects in Java. Arch. Naturgesch. 80(A5): 162-164.
- . 1914f. Some proctotrypod egg-parasites of sugar cane insects in Java. Can. Entomol. 46: 293-294.
- . 1914g. Further new genera and species of Australian Proctotrypoidea. Proc. R. Soc. Queensl. 26: 91-140.
- . 1914h. Notes and corrections on Australian Proctotrypoidea, with descriptions of forty-five new species. Arch. Naturgesch. 80(A9): 1-32.
- . 1915. Australian Hymenoptera Proctotrypoidea. No. 3. Trans. R. Soc. S. Aust. 39: 384-454.
- . 1916. Australian Hymenoptera Proctotrypoidea. No. 4. Trans. R. Soc. S. Aust. 40: 9-32.
- . 1930. New Hymenoptera Proctotrypoidea from Victoria. Proc. R. Soc. Vict. 43: 26-35.
- Fergusson, N. D. M. 1983. A review of the genus *Platytelenomus* Dodd (Hym., Proctotrupoidea). Entomol. Mon. Mag. 119: 199-206.
- Galloway, I. D. 1976. The types of the Australian species of the subfamily Scelioninae (Scelionidae: Proctotrupoidea). Queensl. J. Agric. Anim. Sci. 33: 83-114.
- Galloway, I. D. and A. D. Austin. 1984. Revision of the Scelioninae (Hymenoptera: Scelionidae) in Australia. Aust. J. Zool. Suppl. 99. 138 pp.
- Girault, A. A. 1926a. New pests from Australia. II. Privately published, Brisbane. 3 pp.
- . 1926b. Two new parasites of bug eggs (Hymenoptera). Insecutor Inscit. Menstr. 14: 137-138.
- . 1932. New lower Hymenoptera from Australia and India. Privately published, Brisbane. 6 pp.
- . 1934. Eucharitidae, Cynipidae, Proctotrypidae et Thysanoptera Nova Australiensis. Privately published, Brisbane. 2 pp.
- . 1939. A giant from New Guinea. Verh. VII. Internat. Kongr. Ent. 1: 147-150.
- Gordh, G., A. S. Menke, E. C. Dahms, and J. C. Hall. 1979. The privately published papers of A. A. Girault. Mem. Am. Entomol. Inst. No. 28. 400 pp.
- Johnson, N. F. 1984. Systematics of Nearctic *Telenomus*: classification and revisions of the *podisi* and

- phymatae* species groups (Hymenoptera: Scelionidae). Bull. Ohio Biol. Surv. (n.s.) 6(3), 113 pp.
- Johnson, N. F. and L. Masner. 1985. Revision of the genus *Psix* Kozlov & Lê (Hymenoptera: Scelionidae). Syst. Entomol. 10: 33-58.
- Kozlov, M. A. and S. V. Kononova. 1983. [Telenominae of the Fauna of the USSR.] Zool. Inst. Acad. Sci. USSR No. 136. 336 pp.
- Masner, L. 1961. The types of Proctotrupoidea (Hymenoptera) in the British Museum (Natural History) and in the Hope Department of Entomology, Oxford. Bull. Brit. Mus. (Nat. Hist.) Entomol. Suppl. 1, 154 pp.
- . 1980. Key to genera of Scelionidae of the Holarctic region, with descriptions of new genera and species (Hymenoptera: Proctotrupoidea). Mem. Entomol. Soc. Can. No. 113, 54 pp.
- Masner, L. and C. F. W. Muesebeck. 1968. The types of Proctotrupoidea (Hymenoptera) in the United States National Museum. U.S. Natl. Mus. Bull. No. 270. 143 pp.
- Nixon, G. E. J. 1937. New Asiatic Telenominae (Hym., Proctotrupoidea). Ann. Mag. Nat. Hist. (10) 20: 113-127.
- Szabó, J. B. 1975. Neue Gattungen und Arten der paläarktischen Telenominen (Hymenoptera, Scelionidae). Ann. Hist.-Nat. Mus. Nat. Hung. 67: 265-278.